

# GINGER E. REESER

Division of Nutritional Sciences  
University of Illinois at Urbana-Champaign  
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## EDUCATION

**Master of Science in Nutritional Sciences** August 2010 – Present  
University of Illinois at Urbana-Champaign, Urbana, Illinois  
Grade Point Average: 4.00/4.00  
Anticipated Graduation: Summer 2013  
**Advisor:** Kelly Tappenden, Ph.D., R.D.  
**Thesis Research:** Impact of Virginiamycin on the Development of Intestinal Structure and Functional Capacity in Growing Piglets

**Didactic Program in Dietetics** August 2010 – Present  
University of Illinois at Urbana-Champaign, Urbana, Illinois  
Grade Point Average: 3.91/4.00  
Anticipated completion: May 2012

**Bachelor of Science in Biology** August 2003 – May 2008  
**Summa Cum Laude**  
University of Mobile, Mobile, Alabama  
Grade Point Average: 3.91/4.0

## RESEARCH EXPERIENCE

**Graduate Research Assistant:** August 2010 – Present  
Gastrointestinal Physiology and Nutrition Laboratory of Kelly Tappenden, Ph.D., R.D.  
University of Illinois at Urbana-Champaign, Urbana, Illinois

- Conduct research involving the effect of antibiotics on intestinal structure and function
- Analyze and quantify RNA, DNA, protein, and disaccharidase activity in intestinal and cell culture samples
- Assess *in vivo* intestinal ion and nutrient transport via modified Ussing chambers
- Prepare animal study protocols for Illinois Institutional Animal Care and Use Committee
- Conduct DNA cell cycle analysis via flow cytometry to investigate effect of growth inhibitors
- Analyze and interpret data using SAS 9.2

- Aid in short bowel syndrome piglet model experiments by assisting with surgeries, animal husbandry, euthanization, and sample collection
- Assist in cell culture experiments

## **PROFESSIONAL EXPERIENCE**

**Assistant Coordinator** May 2011 – August 2011  
Sprouts at the Market, Urbana's Market at the Square, Urbana, Illinois

- Developed nutrition and farm linkage programs and program evaluations for 4 Sprouts events in collaboration with the Market Director and Sprouts Director
- Coordinated with The Family Resiliency Center to develop a joint program incorporating information on family meal times
- Prepared handouts for children ages 3-8 years and educational materials for use in the Sprouts program
- Arranged fruit and vegetable samples from the vendors for use in the program
- Supervised the program on-site for 65+ children and 5+ volunteers

**Maternal and Child Health Intern** May 2011 – August 2011  
Champaign-Urbana Maternal and Child Health Department, Champaign, Illinois

- Managed the Farm to Table Specialty Crop Grant social marketing initiative implementation plan
- Wrote blogs discussing the nutritional values and use of 20+ specialty crops for the website
- Promoted awareness and understanding of the Farm to Table initiative and WIC's farmer's market vouchers
- Complied breastfeeding information folders for distribution to WIC mothers
- Shadowed WIC nutritionists during nutrition consultations

**Assistant Softball Coach** July 2008 – May 2010  
University of Mobile, Mobile, Alabama

- Assisted head coach with planning and running practice sessions, game preparation, recruiting, and conditioning
- Scheduled 50+ games each year and coordinated team travel
- Monitored academic progress for 18+ students
- Assisted in set up for camps, organized logistics for activities and supervised 40+ camp participants
- Maintained records for camp attendees, collected fees, and finalized all paperwork after events
- Created and presented information related to camp activities, University of Mobile softball, and community outreach programs
- Took part in public speaking engagements as a representative of the University of Mobile softball team

## **TEACHING EXPERIENCE**

**Biology Laboratory Instructor**  
Department of Natural Sciences  
University of Mobile, Mobile, Alabama

Fall 2008 and Spring 2009

- Collaborated with professor to create course syllabus
- Taught three classes of 18+ students taking Biology 101: Introduction to Biology Laboratory
- Prepared and graded quizzes, laboratory reports, exams, and laboratory practicals
- Guided students through the application of several laboratory techniques used in biology

## **SELECTED HONORS AND AWARDS**

### **Alpha Chi Honor Society, 2007**

*Coeducational academic honor society that includes the top ten percent of juniors, seniors, and graduate students*

### **Alumni Award, 2008**

*Recognition of excellence and quality to candidates for the bachelor's degree who maintain the highest GPAs at their respective levels*

### **Biology Area Award, 2008**

*Awarded to a graduating student from the Biology major, selected by faculty and based on the student's service and scholarship*

### **Scholar-Athlete Award, 2008**

*Awarded to a graduating student, selected by vote of the coaches and based on the student's service, scholarship, and other established criteria specific to the athletic area*

### **Gamma Sigma Delta Honor Society, 2011**

*Graduate students of outstanding ability with at least a 3.5/A=4.0 or better grade point average and who show great potential for future leadership can be nominated by chapter members and elected.*

## **CERTIFICATIONS**

### **Illinois Food Service Sanitation Manager Certification, 2011 – Present**

*Illinois Department of Public Health*

## **MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS**

Academy of Nutrition and Dietetics  
American Society for Nutrition